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Case Serial No	.: <u>UTU-063447-01</u>				
Operator: Jumbo Mining Co. Phone: (512) 258 - 6608					
Claimant: Sev	eral (see file)	Phone:			
Legal Descript	ion: T. 15 S., R. 10 W.,	Section 7 (predominantly)			
Mining Claims:	UMC 94374-9, 124963-74, 260743-833	224617-66, 258431-50, and			
Date Received:	2/17/82 Dat	e Closed:			
DATE	EVENT, DOCUMENT,	ETC			
2/17/82	Notice from Nevada Reso	urces, Inc. to BLM; UT-057-			
2/24/82	Acceptance letter from Inc.	BLM to Nevada Resources,			
3/2/82	Letter from Nevada Reso	urces about acreage.			
9/20/82	Notice from Nevada Reso serial number assigned.	urces, Inc. to BLM. No			
2/16/83	Notice from Nevada Reso	urces, Inc. to BLM; UT-056-			
3/2/83	Acceptance letter from Inc.; UT-056-26N.	BLM to Nevada Resources,			
7/8/83	Mine Plan for Drum Mine States Minerals Corpora				
7/15/83	Letter from BLM acknowl Plan.	edging receipt of Mine			
7/29/83	Letter from DWR on Plan	of Operations.			
8/2/83	EAR # UT-050-83-93 on M	ine Plan.			
8/8/83	Letter from Western Sta fence the leach area.	tes to BLM agreeing to			
8/18/83	Approval letter to West	ern States from BLM.			

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DATE	EVENT, DOCUMENT, ETC.
9/6/83	Letter from Utah Wildlife Resources to BLM recommending the mine area be considered a critical wildlife area.
9/12/83	Notification from Western States to BLM of the acquisition of Nevada Resources, Inc. and properties.
12/2/83	Letter from DOGM to Western States giving final approval.
12/19/83	Notice from Western States for drilling. Not serialized.
1/30/84	Revision of Mine Plan to move waste dump.
2/2/84	Approval letter of Mine Plan revision.
4/13/84	Amendment of Mine Plan to expand exploration area.
5/1/84	T & E plant clearance by B. Hirschi for T. 15 S., R. 10 & 11 W.
5/1/84	T & E plant clearance by B. Hirschi for T. 15 S., R. 10 W, Sec. 7, SE 1/4.
5/4/84	Approval of plan amendment received 4/13/84.
11/9/84	Cultural clearance for portions of development area. Recommended stipulations are attached. Maps indicate field work conducted on 5/1/84.
2/2/86	Bond agreement between Western States and UDOGM.
8/24/ 87	Notice from Western States for drilling; UT-056-62N.
8/28/87	Acknowledgement letter from BLM to Western States; UT-056-62N.
10/14/88	Staff report be T. Manzanares describing mine inspection conducted on 10/13/88.
10/20/88	Memo to File by Wayne Hedberg with copy of E.B. King's filing to DOGM for a permit transfer of ACT/027/007.

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DATE	EVENT, DOCUMENT, ETC.
12/9/88	Letter from DOGM to Jumbo requesting more information on Plan filed with DOGM on 7/11/88 (M/023/013).
12/9/88	Letter from Jumbo to BLM notifying us of change in ownership of Drum Mine and requesting we confirm their ability to operate under UT-056-07P.
1/19/89	Letter from Jumbo to DOGM; RE: Response to a DOGM letter dated 12/6/88.
1/25/89	Letter from Jumbo to UDOGM: Initial Review of Drum Mine Reclamation Plan.
3/23/89	Memo to File by Wayne Hedberg on inspection conducted 3/10/89 by State (M/027/007) and (M/023/013).
3/29/89	Notes taken by Toby Manzanares during meeting with Jumbo about reclamation and angle of repose.
4/4/89	Note to File by T. Manzanares on angle of repose includes drawing by Jumbo Mining 3/29/89.
4/18/89	Draft conditions of release of surety for Drum Mine/Western States.
4/25/89	Staff report by M. Jackson in preparation for 5/12/89 meeting.
5/4/89	Letter from Jumbo Mining to DOGM.
5/12/89	Staff report by T. Manzanares on inspection held 5/12/89.
<u>5/26/89</u>	Memo to File by Wayne Hedberg of DOGM about 5/12/89 inspection.
5/30/89	Note to M. Jackson on angle of repose.
5/31/89	Letter to E.B. King from DOGM on permit transfer.
5/31/89	Letter to Allan Cerny from UDOGM.
6/7/89	Memo to File from W. Hedberg of DOGM; RE: Phone conversation with T. Manzanares.

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DATE	EVENT, DOCUMENT, ETC.
7/5/89	Cultural clearance by L. Lindsey on Alto Haul Road.
7/11/89	Transfer from Western States to Jumbo of UDOGM"S Notice of Intention-Large Mining Operation.
7/30/89	Notice from Jumbo Mining on Alto Haul Road.
8/3/89	Letter from Utah State Treasurer to UDOGM certifying Jumbo's bond.
8/8/89	Approval of permit transfer from DOGM to Jumbo Mining.
8/9/89	Optional Plan Conformance/NEPA Compliance Record tiered to EAR-UT-050-83-93 on Alto Haul Road.
8/9/89	Approval letter for Alto Haul Road from BLM to Jumbo Mining.
8/14/89	Return receipt from E.B. King.
8/18/89	Return receipt from Deb Pashia.
9/13/89	Letter to Utah Dept. of Health from Jumbo Mining.
10/5/89	Letter from Jumbo Mining to Utah Water Pollution Control Committee; RE: Drum Mine project.
10/13/89	Memo to File from W. Hedberg of DOGM; RE: Inspection of ALTO/IBEX properties on 9/22/89.
1/4/90	Letter from DOGM to Western States regarding request for time extension.
2/16/90	Staff report by Phil Allard; RE: Visit by Frank Filas of Western States.
2/26/90	Letter to DOGM from Western States; RE: Negotiations between Western States and Jumbo Mining.
2/27/90	Letter to DOGM from Jumbo Mining; RE: Notice to revise large mining operations of M/027/007.

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DATE	rining from DOGM cancelling Mine).
3/2/90	Letter to Jumbo Mining from DOGM cancelling permission to leach No. 2 and No. 7 (Drum Mine). Description of the RLM from Jumbo; RE:
3/5/90	Amended Plan of Operations to BER 1
3/13/90	Letter from Bureau of Water Foundation Bureau of
3/13/90	T & E plant clearance from T. pit. Inspection report by P. Allard (with photos).
3/13/90	Inspection report by P. Allard. Staff report by P. Allard.
3/15/90	for Mizpah plt.
3/16/90	Notice checklist for Mise Letter to Bureau of Water Pollution Control from
3/19/90	Letter to Bureau of Water Pollution Control from Letter to Bureau of Water Pollution Control
3/21/90	Tambo
3/29/90	Inter-Disciplinary Team Checklist. T & E animal clearance; Mizpah pit. T & E animal clearance; Mizpah pit.
4/2/90	Letter to E.B. King from BLM explaining more time Letter to E.B. King from BLM explaining more time Letter to process the Mine Plan amendment.
4/4/90	Letter to E.B. King from BLM explaining more crime will be needed to process the Mine Plan amendment. Cultural clearance of Mizpah pit by L. Lindsey.
4/10/90	Pecord and FONSI; EA NO. 02
4/23/90	a paguired Elements roll
4/23/90	F B King rejection
4/25/90	Transmittal of EA for proposed amendment from RDO
5/15/90	to E.B. King.
5/17/90	Certified mail Notice from E.B. King. Western States to DOGM's Reclamation Soil
5/24/90	<u>Mestern States to same Specialist.</u>

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DATE	EVENT, DOCUMENT, ETC.
5/29/90	Western States to DOGM's Associate Director of Mining.
5/30/90	Jumbo Mining to DOGM's Associate Director of Mining.
6/01/90	Jumbo to Utah Dept. of Health; RE: Groundwater.
6/04/90	DOGM letter to Jumbo; Approval Request to Commence 60-day Test Leach.
6/04/90	Jumbo to Utah Dept. of Health; RE: Heap Leach testing information.
6/11/90	Jumbo to RDO requesting appeal on amendment to Plan.
6/28/90	Memo form RDO to State Director discussing Jumbo Mining Co.'s decision to appeal the District Office's request for a final pit slope of 3:1.
7/12/90	Dept. of Health letter to Jumbo; Response to chemical data, water level map, and neutron logs.
7/16/90	Jumbo to Utah Dept. of Health; Agenda for 6/25/90 meeting.
7/16/90	Jumbo to DOGM's Associate Director of Mining; RE: 60-day Test for Bureau of Water Pollution.
7/16/90	Jumbo to DOGM's Permit Supervisor; RE: Revised Notice of Intent: Mizpah pit.
7/17/90	DOGM letter to Jumbo; RE: Proposal for Amendment of Mining and Reclamation Plan and Reclamation Surety.
7/26/90	Jumbo to DOGM's Associate Director of Mining; RE: Amendment of Reclamation Plan and Surety.
8/29/90	Letter to Jumbo Mining Co. from the State Director. The State Director reversed the requirement for a 3:1 slope.
9/10/90	Transmittal memo from State Director to RDO for Jumbo Mining Co. case file.

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DATE	EVENT, DOCUMENT, ETC.
9/10/90	DOGM letter to Jumbo; RE: Review of revised NOI, Proposed Mizpah Pit.
9/10/90	Jumbo to DOGM's Associate Director of Mining; RE: Request for informal hearing.
9/12/90	Jumbo to Utah Dept. of Health; RE: Request to continue leaching the existing permitted heaps.
10/26/90	BLM letter to DOGM; RE: Informal hearing requested by Jumbo Mining.
11/16/90	Inspection report by Phil Allard on Jumbo Mining.
11/19/90	BLM FAX to Dave Hartshorn; RE: Salvageable soil calculations; Also: maps used to make calculations.
11/30/90	Michael Jackson's notes of Jumbo Mining's Informal Hearing (with notes).
12/14/90	BLM letter to Jumbo; RE: Phil Allard's 11/16/90 inspection.
1/17/91	DOGM's report of Jumbo's informal hearing.
3/6/91	DOGM letter to Division of Environmental Health and BLM; RE: Jumbo's petition concerning leak tests and mining operations on Heap LG2 and 7 and Western States response to Jumbo's petition.
3/29/91	New Heap Application Drum Mine (orange folder).
4/1/91	Notice Checklist for UT-056-07P-A. (Not completed.)
4/1/91	Michael Jackson's staff report of Jumbo's formal hearing.
4/3/91	T & E animal clearance by M. Pierce.
4/17/91	DOGM letter to Jumbo; RE: A delay in reviewing the application for permit revision for the New Heap Leach Pad.

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DATE	EVENT, DOCUMENT, ETC.
4/17/91	BLM letter to Jumbo; RE: Request for additional information concerning the new cyanide heap leach plan amendment.
4/25/91	DOGM's report of Jumbo's petition for commencement of proceedings before the Board of OGM to review order of division to petition for informal proceedings denying permission to conduct leak tests.
6/12/91	Engineering Services Report Feasibility Analysis Drum Mine H-10 Heap Leach Pad by CBC ENVIRO Engineering (blue book).
7/1/91	Division of Environmental Health letter to Jumbo; RE: Ground Water Discharge Permit for New Leach Pad and Existing Contamination.
7/22/91	DOGM letter to Jumbo; RE: Review of Application for Permit Amendment, New Heap Leach Pad Facility, requesting additional information.
7/26/91	DOGM's report; RE: Agency action to reclaim property and to forfeit Western States Minerals Corporation's reclamation surety bond.
7/30/91	Cultural clearance report by N. Shearin.
8/6/91	Inspection report by C. Reid on Jumbo Mining.
9/12/91	Inspection Report written by DOGM's Senior Reclamation Specialist for 8/6/91 inspection.
9/17/91	Jumbo letter to BLM; RE: Additional information requested in letter dated 4/17/91.
9/19/91	Mining Claim Information Collection Form for Producing Operations.
9/23/91	Staff Report by C. Reid; RE: Jumbo's DOGM hearing requesting agency action to reclaim property and to forfeit Western States Minerals Corporation's reclamation surety bond.

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DATE	EVENT, DOCUMENT, ETC.
9/25/91	Division of Water Quality letter to Jumbo; RE: Preliminary Plan for Monitoring and Containing the Contaminated Perched Aquifer.
11/8/91	DOGM letter to Jumbo; RE: A delay in reviewing the Permit Amendment Review, Mizpah Pit Development and New Heap Leach Pad.
11/12/91	BLM letter to Jumbo; RE: A delay in reviewing the Amendment Review, Mine Plan of Operations, UT-056-07P, Mizpah Pit Deve. and New Heap Leach Pad.
11/21/91	BLM letter to DOGM; RE: Additional information for an amendment to Jumbo Mining's Plan of Operations, UT-056-07P.
12/4/91	BLM letter to Jumbo; RE: Reclamation Bond, UT-056-07P.
12/10/91	BLM letter to Division of Water Quality; RE: Jumbo's Response to BLM's Letter of Deficiency.
12/19/91	Division of Water Quality letter to BLM; RE: Draft of Ground Water Discharge Permit for Jumbo Mining and Perched Aquifer information.
12/23/91	Division of Water Quality letter to Jumbo; RE: Jumbo Mining-Drum Mine Comments on Process pond Leakage Testing.
12/24/91	BLM letter to Jumbo Mining; RE: Amendment Review of the New Heap Leach Pad H-10.
1/7/92	BLM's Interdisciplinary Team Checklist for Jumbo's New Heap Leach Pad.
1/8/92	T & E plant clearance by P. Briggs.
1/8/92	BLM letter to Jumbo; RE: Amendment Review of the New Heap Leach Pad H-10 (no attachment).
1/13/92	Division of Water Quality letter to Jumbo; RE: Ground Water Discharge Permit and Construction Permit for New Leach Pad.

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<u>DATE</u>	EVENT, DOCUMENT, ETC.
1/14/92	RDO Memo to State Director; RE: Request for Review by BLM Cyanide Advisory Board of Proposed Construction of heap Leach Pad.
1/21/92	DOGM letter to Jumbo; RE: Second Technical Review, Permit Amendments, Mizpah Pit Development and New Heap Leach Pad Facility.
1/27/92	Division of Water Quality letter to BLM; RE: Comments to Jumbo Mining by BLM Letter Dated 12/24/91.
2/13/92	Jumbo letter to BLM; RE: Additional information requested in letter 12/24/91 for New Heap Leach Pad H-10.
4/3/92	Jumbo letter to DOGM; RE: Response to DOGM's letter 1/14/92.
5/13/92	Division of Water Quality letter Tetra Tech; RE: Jumbo Mining Pads and Ponds Additional Information.
5/26/92	DOGM letter to Jumbo; RE: A delay in reviewing the Permit Amendment for Mizpah Pit and New Heap Leach Pad.
6/12/92	BLM letter to Jumbo; RE: Revisions to the criteria listed in letter dated 12/24/91.
6/24/92	Division of Water Quality letter to Tetra Tech; RE: Jumbo Mining Preliminary Design of Liner Cross Sections and QA/QC Plan.
7/9/92	Inspection report by C. Reid on Jumbo Mining.
7/13/92	Division of Water Quality letter to Tetra Tech, Inc.; RE: Jumbo Mining Preliminary QA/QC Plan.
7/14/92	BLM letter to Jumbo; RE: July 9, 1992 inspection.
8/11/92	DOGM letter to Jumbo; RE: Tentative Approval, Permit Amendment - Mizpah Pit and New Heap Leach Pad.

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DATE	EVENT, DOCUMENT, ETC.
8/26/92	Letter from Cyanide Advisory board to RDO District Manager RE: Review of Jumbo Co. Drum Mine Expansion.
9/2/92	Inspection Report by Michael Jackson.
9/21/92	Cover letter from BLM to DOGM enclosing the Review of the Jumbo Co. Drum Expansion.
3/25/93	Letter from BLM to Jumbo.
4/12/93	Letter from Jumbo to BLM responding to March 25, 1993 letter.
4/14/93	Inspection Report by Rody Cox.
4/28/93	Inspection Report by UDOGM.
5/12/93	Letter from UDOGM to Western States Attorneys.
7/1/93	Letter from Winnemucca District Office to Jumbo.
7/5/94	<u>Letter from UDOGM to Jumbo; RE: Finalization of Permit Transfer and Reclamation Plan.</u>
7/25/94	Letter from Jumbo to UDOGM RE: Permit Transfer.
10/17/94	Letter from Jumbo to UDOGM RE: Litigation update.
11/15/94	Letter from Winnemucca District Office to Jumbo; RE: Notice of Noncompliance.
12/14/94	Letter from BLM to Jumbo; RE: Right-of-way for well and pipeline.
1/4/95	Letter from BLM to Jumbo; RE: Renewal of Right-of-way.
2/8/95	Fax from UDOGM to BLM; RE: Jumbo Letter about topsoil.
2/16/95	Inspection report by Rody Cox.
2/23/95	Letter from UDOGM to Jumbo; RE: Proposed Topsoil Borrow Areas and Reclamation Surety Adjustments.

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DATE	EVENT, DOCUMENT, ETC.
2/24/95	Confirmation of Phone Conversation between Rody Cox and Don Gavin; RE: Letter Warning of Potential Hazards to Drum Mine Workers.
2/27/95	Confirmation of Phone Conversation between Rody Cox and David Hartshorn; RE: Letter Warning of Potential Hazards to Drum Mine Workers.
2/28/95	Letter from BLM to David Hartshorn; RE: Potential health hazard at mine.
2/28/95	Letter from BLM to Donald Gavin; RE: Potential health hazard at mine.
3/2/95	Fax from Kimmel King to Terry McParland; RE: Regulation Violations and Proposed Remediations.
3/6/95	Fax from Kimmel King to Terry McParland; RE: Sample analysis results.
3/6/95	Letter from Western States Attorney to UDOGM; RE: lawsuit with Jumbo.
3/7/95	Fax from UDOGM to BLM; RE: Letter from Utah Department of Health about pad liners at Drum Mine.
3/08/95	Fax from Terry McParland to Rody Cox; RE: Utah Division of Environmental Response & Remediation Spill Response Resource and map.
3/09/95	Inspection Report by Rody Cox.
3/10/95	Notice of Noncompliance sent to Jumbo for Failure to Reclaim and Prevent Undue and Unnecessary Degradation at the Drum Mine (with Enclosure #2).
3/14/95	Fax from Kimmel King to Terry McParland; RE: Cost Estimate for Immediate Clean-up at Drum Mine.
3/15/95	Confirmation of Phone Conversation between Rody Cox and Ed King about Notice of Noncompliance.

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DATE	EVENT, DOCUMENT, ETC.
3/17/95	Faxed letter from Jumbo to BLM responding to the Notice of Noncompliance.
3/17/95	Letter from BLM to Utah Division of Environmental Quality about Situation at Drum Mine.
3/17/95	<u>Letter from BLM to UDOGM about Situation at Drum Mine.</u>
3/17/95	Letter from BLM to Division of Environmental Response and Remediation about Situation at Drum Mine.
3/20/95	Letter from Jumbo to BLM about Notice of Noncompliance.
3/20/95	Inspection Report by Rody Cox.
4/03/95	Letter from BLM to Jumbo; RE: BLM's Complinace Inspection on March 20, 1995 and Jumbo's Mining Company's Reply to the 43 CFR 3809 Notice of Noncompliance.
4/03/95	Information provided by MSHA about Cyanide Mill Reagents.
4/04/95	Confirmation of Phone Conversation between Rody Cox and Ed King; RE: Corrections to BLM's April 3, 1995 letter to Jumbo.
4/04/95	Letter from BLM to Jumbo; RE: Addendum with Corrections to BLM's April 3, 1995 Letter to Jumbo Mining Company.
4/11/95	Fax to BLM from Jumbo responding to April 3, 1995 letter, w/ a copy of Notice of Appeal.
4/11/95	Inspection Report by Rody Cox.
4/12/95	Letter to BLM from Jumbo responding to April 3, 1995 letter.
4/12/95	Confirmation of Phone Conversation between Rody Cox and Ed King, notifying him that Jumbo had not fully complied with the Notice of Non-compliance.

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DATE	EVENT, DOCUMENT, ETC.
4/14/95	Notice of Appeal sent from Jumbo to the Utah State Office of the BLM.
4/27/95	Fax from Rody Cox to Tery McParland with comments on rough draft of response to the Notice of Appeal.
4/28/95	Letter from DEQ to Jumbo concerning hazardous waste.
5/04/95	Note to file from Wayne Hedberg concerning phone conversation with E. B. King.
5/08/95	Letter from Jumbo to BLM concerning corrective action on the cyanide storage issue.
05/12/95	Copy of Tom Munson's inspection report of the 3/20/95 joint inspection.
05/15/95	Letter from UDOGM to Jumbo concerning the reclamation surety.
5/22/95	Letter from Jumbo to Doug Taylor of the Utah Solid and Hazardous Waste Control Board.
5/23/95	Decision from the BLM USO, affirming and remanding the decisions in the Notice of Noncompliance.
5/24/95	Notes on Phone call to Hays Griswold.
5/26/95	Letter from Jumbo to DEQ concerning a workplan for the perched aquifer sampling.
5/30/95	Letter from Jumbo to the Division of Solid and Hazarous Waste concerning the Remediation Plan for 157 barrels on the waste dump.
5/30/95	Sampling Plan submitted by Jumbo Mine for the empty cyanide drums.
6/1/95	Inspection Report by Rody Cox.
6/5/95	Fax of Rinchem's input on Jumbo's sampling plan.
6/9/95	Letter from BLM to UDOGM requesting Wayne

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DATE	EVENT, DOCUMENT, ETC.
	Hedberg's attendance at a meeting about the NON.
6/9/95	Letter from BLM to DEQ requesting Mark Novak's attendance at a meeting about the NON.
6/09/95	Letter from BLM to Jumbo requesting Dave Harshorn's attendance at a meeting about the NON.
6/9/95	Letter from BLM to DEQ requesting Jim Martin's attendance at a meeting about the NON.
6/9/95	Letter from BLM to DSHW requsesting Doug Taylor's attendance at a meeting about the NON.
6/14/95	Attendance sheet for meeting.
6/20/95	Letter from DEQ to Jumbo regarding the Remediation Plan for the 157 barrels.
6/22/95	Letter from DEQ to Jumbo regarding the sampking plan for the perched aquifer.
6/22/95	Fax to BLM from DSHW of Jumbo's Sampling Plan.
6/26/95	Draft copy of response from the BLM's State Director to Jumbo regarding the NON.